Search Results - Record(s) 1 through 13 of 13 returned.

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1. 6143278. 23 Feb 98; 07 Nov 00. Topical application of opioid analgesic drugs such as morphine. Elkhoury; George F.. 424/45; 424/43 424/484 424/485 424/486 424/487 424/488 514/282 514/812 514/944 514/946 514/947 514/969. A61K009/12 A61K009/06 A61K031/485 .

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2. 6121329. 27 Aug 97; 19 Sep 00. Topical administration of 2-amino-2-(2-(4-octylphenyl)ethyl)propane-1,3-diol. Fujii; Tsuneo, et al. 514/653; 424/400 424/427 424/443 424/45 514/885 514/886 514/912 514/946 514/947 514/966 514/969. A61K033/24 A01N059/16 .

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3. 6011022. 21 May 98; 04 Jan 00. Topical application of muscarinic analgesic drugs such as neostigmine. El Khoury; George F.. 514/78; 514/940 514/946 514/947 514/969. A61K031/66 .

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4. 6004579. 04 Sep 97; 21 Dec 99. Compositions which inhibit apoptosis, methods of making the compositions and uses thereof. Bathurst; Ian C., et al. 424/450; 424/401 435/1.1 435/1.2 514/75 514/78 514/844 514/863 514/880. A61K009/127 .

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5. 5981606. 05 Feb 98; 09 Nov 99. Therapeutic TGF-beta-wound healing compositions and methods for preparing and using same. Martin; Alain. 514/724; 514/458 514/725 514/946 514/947. A61K031/045 A61K031/07 A61K031/355 .

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6. 5972911. 26 May 92; 26 Oct 99. Composition for the delivery of orally administered drugs and other substances. Yesair; David W.. 514/77; 514/558 514/560 514/946 514/947. A61K031/685 A61K031/20 .

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7. 5874479. 05 Feb 98; 23 Feb 99. Therapeutic permeation enhanced-wound healing compositions and methods for preparing and using same. Martin; Alain. 514/724; 514/458 514/725 514/946 514/947. A61K031/045 A61K031/07 A61K031/355 .

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8. 5116606. 24 May 90; 26 May 92. Skin treatment method and solution. Alt; John P.. 514/458; 424/680 514/563 514/642 514/859 514/864 514/880 514/881. A61K007/06 A61K007/075 .

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9. 5057497. 13 Jul 89; 15 Oct 91. Oral method for the maintenance of healthy gingival tissues using TRF. Calam; Henry D., et al. 514/21; 424/49 424/50 424/559 424/562 514/12 514/900 514/901 514/902 514/946 514/947 514/969. A61K007/16 A61K035/54 A61K037/22 .

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10. 4976967. 21 Nov 88; 11 Dec 90. Resin modulated drug delivery device for the delivery of HMG-CoA reductase inhibitor salts. McClelland; Gregory A., et al. 424/473; 424/457 424/474 514/946. A61R009/24 .

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11. 4973579. 16 Feb 89; 27 Nov 90. Enhancment of absorption of drugs from gastrointestinal tract using choline ester salts. Alexander; Jose, et al. 514/49; 514/263.34 514/43 514/45 514/46 514/788 514/946. A61K031/70 A61K031/52 A61K047/00 .

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12. 4822773. 20 Dec 87; 18 Apr 89. Enhancement of absorption of drugs from gastrointestinal tract using choline ester salts. Alexander; Jose, et al. 514/3; 514/11 514/15 514/2 514/561 514/565 514/567 514/946 514/947 930/21 930/270. A61K037/26 A61K037/00 A61K031/195 .

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13. 4729989. 28 Jun 85; 08 Mar 88. Enhancement of absorption of drugs from gastrointestinal tract using choline ester salts. Alexander; Jose, et al. 514/192; 514/193 514/194 514/195 514/196 514/197 514/198 514/199 514/200 514/201 514/202 514/203 514/205 514/206 514/207 514/208 514/209 514/4 514/946 514/947 930/21 930/270. A61K031/43 A61K031/545 .

Structure Search

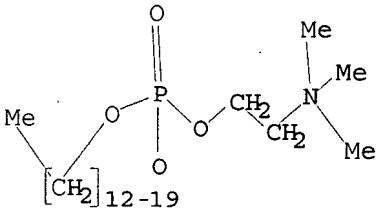
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Documents and Settings\sgraham\Desktop\STN structures\09974519.str

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 10:16:17 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 537 TO ITERATE

100.0% PROCESSED 537 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 9350 TO 12130
PROJECTED ANSWERS: 2 TO 124

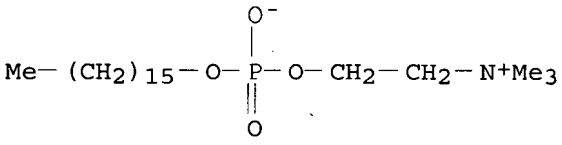
L2 (2) SEA SSS SAM L1

=> d l2 1-2

L2 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN
RN 933064-08-5 REGISTRY
ED Entered STN: 29 Apr 2007
CN 2H-Tetrazolium, 3-(1-naphthalenyl)-2,5-diphenyl-, chloride (1:1), mixt. with 2-[[(hexadecyloxy)hydroxyphosphinyl]oxy]-N,N,N-trimethylethanaminium inner salt (CA INDEX NAME)
OTHER NAMES:
CN Miltefosine-Tetrazolium violet mixture
MF C23 H17 N4 . C21 H46 N O4 P . Cl
CI MXS
SR CA
LC STN Files: CA, CAPLUS

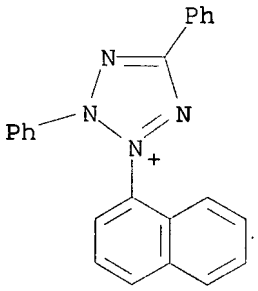
CM 1

CRN 58066-85-6
CMF C21 H46 N O4 P



CM 2

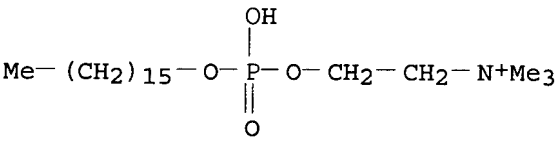
CRN 1719-71-7 (134102-55-9)
CMF C23 H17 N4 . Cl



● Cl^-

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN
RN 80078-44-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN Ethanaminium, 2-[[(hexadecyloxy)hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, hydroxide (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Choline phosphate, hexadecyl ester, hydroxide (6CI)
MF C21 H47 N O4 P . H O
LC STN Files: CA, CAOLD, CAPLUS, IMSPATENTS, IMSRESEARCH, TOXCENTER
CRN (82721-45-7)



● OH^-

6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s l1 sss full
FULL SEARCH INITIATED 10:17:48 FILE 'REGISTRY'

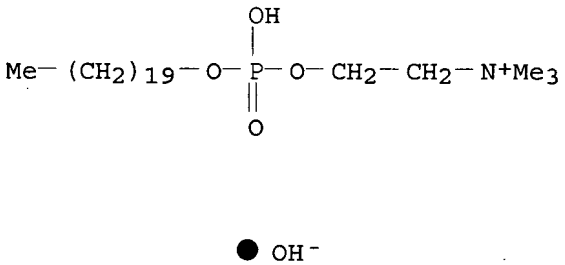
FULL SCREEN SEARCH COMPLETED - 10692 TO ITERATE

100.0% PROCESSED 10692 ITERATIONS 36 ANSWERS
SEARCH TIME: 00.00.01

L3 (36) SEA SSS FUL L1

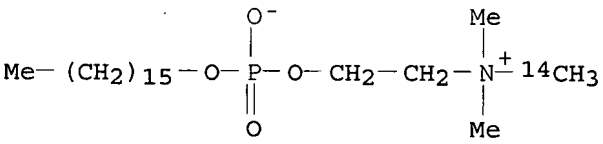
=> d scan l3

L3 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Ethanaminium, 2-[[(eicosyloxy)hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, hydroxide (9CI)
MF C25 H55 N O4 P . H O



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 36 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Ethanaminium, 2-[[(hexadecyloxy)hydroxyphosphinyl]oxy]-N,N-dimethyl-N-(methyl-14C)-, inner salt (9CI)
MF C21 H46 N O4 P



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> help roles

Super roles, available in all indexed documents in CAplus or CA from 1967 to the present, are also searchable in the REGISTRY and ZREGISTRY files. Roles are CAS indexing terms consisting of codes that describe the new or novel information reported about a specific substance or a a non-specific derivative of a specific substance. Enter HELP ROLES at an arrow prompt in CAplus or CA for more information about CAS roles.

CAS super roles may be searched in the REGISTRY or ZREGISTRY file in the following search fields:

Search Field Name	Search Code	Display Code
Super roles for specific substances	/RL	RL
Super roles for non-specific derivatives	/RLD	RLD

Super roles for specific substances and non-specific derivatives	/RLS	RLS
Super roles for specific substances from patents	/RL.P	RL.P
Super roles for non-specific derivatives from patents	/RLD.P	RLD.P
Super roles for specific substances and non-specific derivatives from patents	/RLS.P	RLS
Super roles for specific substances from non-patent documents	/RL.NP	RL.NP
Super roles for non-specific derivatives from non-patent documents	/RLD.NP	RLD.NP
Super roles for specific substances and non-specific derivatives from non-patent documents	/RLS.NP	RLS

List of CAS Super Roles searchable in REGISTRY/ZREGISTRY

Code	Phrase
ANST	Analytical Study
BIOL	Biological Study
CMBI	Combinatorial Study
FORM	Formation, Nonpreparative
MSC	Miscellaneous
OCCU	Occurrence
PREP	Preparation
PROC	Process
PRP	Properties
RACT	Reactant or Reagent
USES	Uses

```
=> file caplus
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               181.85     184.58

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FILE COVERS 1907 - 22 Aug 2007  VOL 147 ISS 9
FILE LAST UPDATED: 21 Aug 2007  (20070821/ED)

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http://www.cas.org/infopolicy.html

=> s l3/uses
```

```
          592 L3
      6658737 USES/RL
L4        328 L3/USES
              (L3 (L) USES/RL)

=> d scan l4

L4    328 ANSWERS   CAPLUS  COPYRIGHT 2007 ACS on STN
CC    1-6 (Pharmacology)
TI    Hexadecylphosphocholine disrupts cholesterol homeostasis and induces the
      accumulation of free cholesterol in HepG2 tumor cells
ST    hexadecylphosphocholine antitumor phospholipid cholesterol membrane
      apoptosis tumor
IT    Esterification
         (cholesterol; hexadecylphosphocholine disrupts cholesterol homeostasis
         and induces accumulation of free cholesterol in HepG2 tumor cells)
IT    Antitumor agents
      Apoptosis
      Cell membrane
      DNA fragmentation
      Human
      Neoplasm
         (hexadecylphosphocholine disrupts cholesterol homeostasis and induces
         accumulation of free cholesterol in HepG2 tumor cells)
IT    Phospholipids, biological studies
      Sphingomyelins
      RL: BSU (Biological study, unclassified); BIOL (Biological study)
         (hexadecylphosphocholine disrupts cholesterol homeostasis and induces
         accumulation of free cholesterol in HepG2 tumor cells)
IT    57-88-5, Cholesterol, biological studies
      RL: BSU (Biological study, unclassified); BIOL (Biological study)
         (esterification; hexadecylphosphocholine disrupts cholesterol
         homeostasis and induces accumulation of free cholesterol in HepG2 tumor
         cells)
IT    9027-63-8, Acyl CoA cholesterol acyltransferase   169592-56-7, Caspase-3
      RL: BSU (Biological study, unclassified); BIOL (Biological study)
         (hexadecylphosphocholine disrupts cholesterol homeostasis and induces
         accumulation of free cholesterol in HepG2 tumor cells)
IT    58066-85-6, Hexadecylphosphocholine
      RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); THU
      (Therapeutic use); BIOL (Biological study); USES (Uses)
         (hexadecylphosphocholine disrupts cholesterol homeostasis and induces
         accumulation of free cholesterol in HepG2 tumor cells)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L4    328 ANSWERS   CAPLUS  COPYRIGHT 2007 ACS on STN
CC    10-5 (Microbial, Algal, and Fungal Biochemistry)
TI    Choline transport in Leishmania major promastigotes and its inhibition by
      choline and phosphocholine analogs
ST    leishmanicide choline phosphochloine analog; choline transport inhibitor
      leishmanicide activity promastigote
IT    Leishmania major
      Protonmotive force
         (choline transport in Leishmania major promastigotes and its inhibition
         by choline and phosphocholine analogs)
IT    Protozoacides
         (leishmanicides; choline transport-inhibiting choline and
         phosphocholine analogs in relation to)
IT    Development, microbial
         (promastigote; choline transport in Leishmania major promastigotes and
         its inhibition by choline and phosphocholine analogs)
IT    Biological transport
         (uptake, carrier-mediated; choline transport in Leishmania major
```

promastigotes and its inhibition by choline and phosphocholine analogs)

IT 62-49-7, Choline
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(choline transport in Leishmania major promastigotes and its inhibition by choline and phosphocholine analogs)

IT 56-54-2, Quinidine 57-09-0, CTAB 83-89-6, Quinacrine 130-95-0, Quinine 312-45-8, Hemicholinium-3 541-22-0, Decamethonium bromide 1119-94-4, DTAB 1120-02-1, OTAB 58066-85-6, Miltefosine 70641-51-9, Edelfosine
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(choline transport in Leishmania major promastigotes and its inhibition by choline and phosphocholine analogs)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l4 and py<=2000
20934507 PY<=2000
L5 118 L4 AND PY<=2000

=> s l5 and (phospholipase C or lecithinase or phosphocoline or phosphatidylinositol) and ((epithili? or interstitial or intercellula? or paracellula? or permeab?)
46572 PHOSPHOLIPASE
4940 PHOSPHOLIPASES
47631 PHOSPHOLIPASE
(PHOSPHOLIPASE OR PHOSPHOLIPASES)
3678349 C
20707 PHOSPHOLIPASE C
(PHOSPHOLIPASE(W)C)
969 LECITHINASE
58 LECITHINASES
988 LECITHINASE
(LECITHINASE OR LECITHINASES)
15 PHOSPHOCOLINE
1 PHOSPHOCOLINES
16 PHOSPHOCOLINE
(PHOSPHOCOLINE OR PHOSPHOCOLINES)
35541 PHOSPHATIDYLINOSITOL
15708 PHOSPHATIDYLINOSITOLS
42635 PHOSPHATIDYLINOSITOL
(PHOSPHATIDYLINOSITOL OR PHOSPHATIDYLINOSITOLS)
24 EPITHILI?
66467 INTERSTITIAL
11518 INTERSTITIALS
71082 INTERSTITIAL
(INTERSTITIAL OR INTERSTITIALS)
34655 INTERCELLULA?
2811 PARACELLULA?
238218 PERMEAB?
L6 0 L5 AND (PHOSPHOLIPASE C OR LECITHINASE OR PHOSPHOCOLINE OR PHOSPHATIDYLINOSITOL) AND (EPITHILI? OR INTERSTITIAL OR INTERCELLULA? OR PARACELLULA? OR PERMEAB?)

=> s l5 and (phospholipase C or lecithinase or phosphocoline or phosphatidylinositol or epithili? or interstitial or intercellula? or paracellula? or permeab?)
46572 PHOSPHOLIPASE
4940 PHOSPHOLIPASES
47631 PHOSPHOLIPASE
(PHOSPHOLIPASE OR PHOSPHOLIPASES)
3678349 C
20707 PHOSPHOLIPASE C
(PHOSPHOLIPASE(W)C)

```
           969 LECITHINASE
            58 LECITHINASES
           988 LECITHINASE
                 (LECITHINASE OR LECITHINASES)
            15 PHOSPHOCOLINE
             1 PHOSPHOCOLINES
            16 PHOSPHOCOLINE
                 (PHOSPHOCOLINE OR PHOSPHOCOLINES)
         35541 PHOSPHATIDYLINOSITOL
         15708 PHOSPHATIDYLINOSITOLS
         42635 PHOSPHATIDYLINOSITOL
                 (PHOSPHATIDYLINOSITOL OR PHOSPHATIDYLINOSITOLS)
            24 EPITHILI?
         66467 INTERSTITIAL
         11518 INTERSTITIALS
         71082 INTERSTITIAL
                 (INTERSTITIAL OR INTERSTITIALS)
         34655 INTERCELLULA?
          2811 PARACELLULA?
        238218 PERMEAB?
L7          11 L5 AND (PHOSPHOLIPASE C OR LECITHINASE OR PHOSPHOCOLINE OR PHOSP
               HATIDYLINOSITOL OR EPITHILI? OR INTERSTITIAL OR INTERCELLULA?
               OR PARACELLULA? OR PERMEAB?)

=> dscan 1-11
DSCAN IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> dscan l7 1-11
DSCAN IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d scan l7 1-11
'1-11' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

L7    11 ANSWERS   CAPLUS  COPYRIGHT 2007 ACS on STN
CC    1-6 (Pharmacology)
TI    The interference effects of hexadecylphosphocholine on proliferation and
      membrane phospholipid metabolism in human myeloid leukemia cell lines
ST    antitumor leukemia cell membrane phospholipid hexadecylphosphocholine
IT    Antitumor agents
         (leukemia; membrane phospholipid metabolism effect on antiproliferative
         sensitivity of leukemia cells to hexadecylphosphocholine)
IT    Cell membrane
         (membrane phospholipid metabolism effect on antiproliferative sensitivity
         of leukemia cells to hexadecylphosphocholine)
IT    Phosphatidylcholines, biological studies
      Phosphatidylethanolamines, biological studies
        Phosphatidylinositols
      Phosphatidylserines
      Phospholipids, biological studies
      RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
      (Biological study); PROC (Process)
         (membrane phospholipid metabolism effect on antiproliferative sensitivity
         of leukemia cells to hexadecylphosphocholine)
IT    58066-85-6, Hexadecylphosphocholine
      RL: BAC (Biological activity or effector, except adverse); BSU (Biological
      study, unclassified); THU (Therapeutic use); BIOL (Biological study);
      USES (Uses)
         (membrane phospholipid metabolism effect on antiproliferative sensitivity
```